

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052024\
 Data File : VN082227.D
 Acq On : 20 May 2024 22:12
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/21/2024
 Supervised By : Mahesh Dadoda 05/21/2024

Quant Time: May 21 03:56:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	188092	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	330860	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	304110	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	145741	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	143351	48.266	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.540%		
35) Dibromofluoromethane	8.165	113	100894	49.572	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.140%		
50) Toluene-d8	10.571	98	374949	48.051	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.100%		
62) 4-Bromofluorobenzene	12.847	95	139052	49.926	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	99.860%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	129969	47.927	ug/l	100
3) Chloromethane	2.359	50	142076	46.229	ug/l	99
4) Vinyl Chloride	2.512	62	145418	50.331	ug/l	98
5) Bromomethane	2.948	94	70685	42.563	ug/l	93
6) Chloroethane	3.118	64	95052	50.384	ug/l	97
7) Trichlorofluoromethane	3.495	101	195636	51.710	ug/l	100
8) Diethyl Ether	3.959	74	70273	52.139	ug/l	68
9) 1,1,2-Trichlorotrifluo...	4.371	101	108558	49.119	ug/l	97
10) Methyl Iodide	4.595	142	117297	52.794	ug/l	99
11) Tert butyl alcohol	5.518	59	123822	259.719	ug/l	99
12) 1,1-Dichloroethene	4.342	96	107062	52.119	ug/l #	82
13) Acrolein	4.177	56	77031	218.037	ug/l	99
14) Allyl chloride	5.024	41	210474	47.857	ug/l #	91
15) Acrylonitrile	5.718	53	334621	271.006	ug/l	99
16) Acetone	4.424	43	298659	245.133	ug/l	90
17) Carbon Disulfide	4.712	76	303185	45.697	ug/l	100
18) Methyl Acetate	5.024	43	160731	52.974	ug/l #	86
19) Methyl tert-butyl Ether	5.800	73	403988	53.804	ug/l	97
20) Methylene Chloride	5.277	84	126009	51.261	ug/l #	78
21) trans-1,2-Dichloroethene	5.789	96	111987	50.027	ug/l #	75
22) Diisopropyl ether	6.671	45	484566	52.764	ug/l #	91
23) Vinyl Acetate	6.606	43	1940843	268.049	ug/l #	88
24) 1,1-Dichloroethane	6.565	63	243299	51.399	ug/l	96
25) 2-Butanone	7.483	43	484144	262.093	ug/l #	83
26) 2,2-Dichloropropane	7.488	77	168988	42.622	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	138962	52.600	ug/l	84
28) Bromochloromethane	7.812	49	100354	48.723	ug/l #	76
29) Tetrahydrofuran	7.841	42	322770	272.146	ug/l #	82
30) Chloroform	7.965	83	237523	52.546	ug/l	95
31) Cyclohexane	8.259	56	221073	46.605	ug/l	85
32) 1,1,1-Trichloroethane	8.171	97	213682	53.284	ug/l	94
36) 1,1-Dichloropropene	8.371	75	170152	49.846	ug/l	96
37) Ethyl Acetate	7.559	43	198338	51.919	ug/l #	95
38) Carbon Tetrachloride	8.365	117	179707	51.934	ug/l	99
39) Methylcyclohexane	9.600	83	186513	49.848	ug/l #	87
40) Benzene	8.606	78	519398	51.026	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052024\
 Data File : VN082227.D
 Acq On : 20 May 2024 22:12
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/21/2024
 Supervised By : Mahesh Dadoda 05/21/2024

Quant Time: May 21 03:56:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	114736	51.069	ug/l #	86
42) 1,2-Dichloroethane	8.671	62	201678	51.515	ug/l	95
43) Isopropyl Acetate	8.688	43	401211	59.272	ug/l #	85
44) Trichloroethene	9.353	130	114469	49.506	ug/l	99
45) 1,2-Dichloropropane	9.624	63	134701	51.288	ug/l	96
46) Dibromomethane	9.712	93	89306	51.794	ug/l	98
47) Bromodichloromethane	9.888	83	191900	52.718	ug/l	98
48) Methyl methacrylate	9.682	41	170238	52.780	ug/l #	83
49) 1,4-Dioxane	9.694	88	47910	1060.018	ug/l #	76
51) 4-Methyl-2-Pentanone	10.447	43	1047343	272.324	ug/l	90
52) Toluene	10.629	92	321547	52.639	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	194584	51.686	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	204783	51.389	ug/l #	79
55) 1,1,2-Trichloroethane	11.018	97	116603	52.527	ug/l	96
56) Ethyl methacrylate	10.876	69	211877	56.217	ug/l #	70
57) 1,3-Dichloropropane	11.165	76	215217	51.852	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	526468	270.815	ug/l	91
59) 2-Hexanone	11.194	43	779659	276.865	ug/l	88
60) Dibromochloromethane	11.359	129	138002	56.332	ug/l	99
61) 1,2-Dibromoethane	11.471	107	120245	52.736	ug/l	98
64) Tetrachloroethene	11.106	164	114343	50.728	ug/l	93
65) Chlorobenzene	11.894	112	339463	50.529	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	117833	53.247	ug/l	100
67) Ethyl Benzene	11.965	91	624591	51.971	ug/l	98
68) m/p-Xylenes	12.070	106	468535	106.373	ug/l	94
69) o-Xylene	12.400	106	224934	52.719	ug/l	92
70) Styrene	12.412	104	389393	54.945	ug/l	96
71) Bromoform	12.582	173	92739	52.653	ug/l #	99
73) Isopropylbenzene	12.700	105	586279	50.636	ug/l	97
74) N-amyl acetate	12.494	43	320111	50.263	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.941	83	165016	49.441	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	156937m	51.161	ug/l	
77) Bromobenzene	12.982	156	138089	50.046	ug/l	87
78) n-propylbenzene	13.035	91	699525	51.021	ug/l	96
79) 2-Chlorotoluene	13.129	91	422339	49.055	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	488208	52.147	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	61830	47.145	ug/l #	80
82) 4-Chlorotoluene	13.223	91	419966	49.891	ug/l	94
83) tert-Butylbenzene	13.441	119	416884	50.899	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	494802	51.659	ug/l	97
85) sec-Butylbenzene	13.617	105	584715	51.505	ug/l	98
86) p-Isopropyltoluene	13.729	119	487103	52.795	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	249482	49.907	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	249205	48.844	ug/l	99
89) n-Butylbenzene	14.059	91	415676	50.125	ug/l	98
90) Hexachloroethane	14.335	117	89597	52.413	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	241280	50.991	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	36722	53.551	ug/l	88
93) 1,2,4-Trichlorobenzene	15.394	180	130948	49.370	ug/l	97
94) Hexachlorobutadiene	15.500	225	53618	46.069	ug/l	99
95) Naphthalene	15.641	128	439729	52.902	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	134421	50.625	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052024\
Data File : VN082227.D
Acq On : 20 May 2024 22:12
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024

Quant Time: May 21 03:56:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052024\
Data File : VN082227.D
Acq On : 20 May 2024 22:12
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By : John Carlone 05/21/2024
Supervised By : Mahesh Dadoda 05/21/2024

Quant Time: May 21 03:56:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
Response via : Initial Calibration

